08:21:07 OCA PAD INITIATION - PROJECT HEADER INFORMATION 08/02/93

Active

Project #: E-18-685 Cost share #: Rev #: 0
Center # : 10/24-6-R7868-0A0 Center shr #: OCA file #:
Work type : RES
Contract#: Mod #: Document : AGR
Prime #: DAA01-93-R102 Contract entity: GTRC

Subprojects ? : N CFDA:
Main project #: PE #:

Project unit: MSE Unit code: 02.010.112
Project director(s):
CARTER W B MSE (404)894-6762

Sponsor/division names: DURATECH INCORPORATED / DECATUR, GA
Sponsor/division codes: 253 / 024

Award period: 930727 to 930927 (performance) 930927 (reports)

Sponsor amount	New this change	Total to date
Contract value	5,550.00	5,550.00
Funded	5,550.00	5,550.00
Cost sharing amount		0.00

Does subcontracting plan apply ?: N

Title: PULSED MAGNETIC FIELD EFFECTS ON COPPER

PROJECT ADMINISTRATION DATA

OCA contact: Brian J. Lindberg 894-4820

Sponsor technical contact

DR. ROBERT F. HOCHMAN
(404)894-2879

DURATECH, INC.
788 SCOTTDALE ROAD
DECATUR, GA 30033

Sponsor issuing office

DR. ROBERT F. HOCHMAN
(404)894-2879

DURATECH, INC.
788 SCOTTDALE ROAD
DECATUR, GA 30033

Security class (U,C,S,TS) : U ONR resident rep. is ACO (Y/N): N
Defense priority rating : N/A N/A supplemental sheet
Equipment title vests with: Sponsor GIT
NONE PROPOSED OR ANTICIPATED.
Administrative comments -
INITIATION OF PROJECT E-18-685.

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 11/01/93

Project No. E-18-685_____ Center No. 10/24-6-R7868-0A0_

Project Director CARTER W B_____ School/Lab MSE_____

Sponsor DURATECH INCORPORATED/DECATUR, GA_____

Contract/Grant No. _____ Contract Entity GTRC

Prime Contract No. DAA01-93-R102_____

Title PULSED MAGNETIC FIELD EFFECTS ON COPPER_____

Effective Completion Date 930927 (Performance) 930927 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	Y	_____
Final Report of Inventions and/or Subcontracts	Y	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____

Comments_____

_____

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Managment	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other CARL BAXTER-FMD_____	Y
_____	N

NOTE: Final Patent Questionnaire sent to PDPI.

This document describes the work completed in the performance of Project E-18-685 entitled "Pulsed Magnetic Field Effects on Copper," which was supported by Duratech, Inc.

The effort consisted of obtaining instruction on the use of the Positron Annihilation Spectroscopy (PAS) doppler and lifetime spectroscopy systems, and of establishing the PAS laboratory in the School of Materials Science and Engineering. Dr. W.J. Paulus of Paulus Engineering spent one day on site verifying the operation of the PAS equipment and training Dr. S. Pope in its use. The equipment is operational. The doppler PAS detector is functioning and the annihilation radiation laboratory was outfitted with a radiation survey meter and tools to make it a self-sufficient facility.

"PULSED MAGNETIC FIELD EFFECTS ON COPPER"

FINAL REPORT

Prepared by:

W.B. Carter
School of Materials Science and Engineering
Georgia Institute of Technology
Atlanta, GA 30332-0245

for:

Duratech, Inc.
788 Scottdale Rd.
Decatur, GA 30033

under:

E-18-685

October 25, 1993

This document describes the work completed in the performance of project E-18-685 entitled "Pulsed Magnetic Field Effects on Copper," which was supported by Duratech, Inc.

The effort consisted of obtaining instruction on the use of the Positron Annihilation Spectroscopy (PAS) doppler and lifetime spectroscopy systems, and of refurbishing the PAS Laboratory in the School of Materials Science and Engineering. Dr. T.J. Paulus of Paulus Engineering spent one day on site verifying the operation of the PAS equipment and training Dr. S. Pope in its use. The equipment is operational. The doppler PAS detector is functioning within specifications. The laboratory was outfitted with a radiation survey meter and tools to make it a self-sufficient facility.